

List of Rare, Threatened, and Endangered Species of Howard County

February 2018



Maryland Wildlife and Heritage Service
Natural Heritage Program



Larry Hogan, Governor
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ACKNOWLEDGMENTS

The Maryland Department of Natural Resources would like to express sincere appreciation to the many scientists and naturalists who willingly share information and provide their expertise to further our mission of conserving Maryland's natural heritage.

Publication of this list is made possible by taxpayer donations to Maryland's Chesapeake Bay and Endangered Species Fund.

IMPORTANT NOTES

This list is a subset of the main reports:

[Maryland Natural Heritage Program. 2016. List of Rare, Threatened, and Endangered Plants of Maryland](#) DNR 03-010418-42 and
[Maryland Natural Heritage Program. 2016. Rare, Threatened, and Endangered Plants of Maryland](#) DNR 03-010418-43 and
[Maryland Natural Heritage Program. 2016. List of Rare, Threatened, and Endangered Animals of Maryland](#) DNR 03-1272016-633

Please refer to these for important information including history, purpose, governing laws and regulations, understanding state and federal conservation status ranks and legal statuses, and for additional resources.

This list is derived from an extensive data collection effort and numerous field surveys to determine distribution and abundance of plants and animals native to Maryland. Although based on a large volume of information, this list should not be viewed as complete or definitive. While much is known about some species, very little is known about others. The Maryland Natural Heritage Program welcomes additional information or recommendations regarding any of the taxa listed herein.

HOW YOU CAN HELP

You can take an active part in conserving Maryland's rare species by contacting the Wildlife and Heritage Service with the following types of information:

1. Location details should be included (exact mapped location using GPS is preferred, but not required). Online applications such as Google Earth are invaluable but precise, written directions including driving and walking are acceptable.
2. Documentation that includes a photograph, description of the species, identification source, and habitat description should accompany the report.
3. Information on the ecology and or biology of the species including observed and/or identified pollinators should accompany the report.

**Additional information, including a downloadable PDF of our rare plant reporting form can be found at: dnr.maryland.gov/wildlife/Pages/plants_wildlife/rte_reportinginst.aspx

Definitions of qualifiers used in the county distribution of species.

Distributional Qualifier	Definition
{species} [?]	Record for the county is reported but unverified or may indicate that the record occurs outside of the known range or in atypical habitat.
{species} ^h	Record for the county is based upon a historical collection but no extant population is known.
{species} ^I	Record for the county is the result of an introduction.

SCIENTIFIC NAME	COMMON NAME	GLOBAL RANK	STATE RANK	STATE STATUS	FEDERAL STATUS
Animals					
<i>Epitheca costalis</i>	Slender Baskettail	G5	S1		
<i>Erpetogomphus designatus</i>	Eastern Ringtail	G5	S2		
<i>Etheostoma vitreum</i>	Glassy Darter	G4G5	S1S2	T	
<i>Gallinula galeata</i>	Common Gallinule	G5	S2S3B	I	
<i>Gomphus quadricolor</i>	Rapids Clubtail	G3G4	S2	I	
<i>Haliaeetus leucocephalus</i>	Bald Eagle	G5	S3S4		
<i>Ophiogomphus incurvatus incurvatus</i>	Appalachian Snaketail	G3T2T3	S1	E	
<i>Percina notogramma</i>	Stripeback Darter	G4	S1	E	
<i>Porzana carolina</i>	Sora	G5	S2B		
<i>Speyeria idalia</i>	Regal Fritillary	G3	SH	X	
<i>Spiza americana</i>	Dickcissel	G5	S3B		
<i>Strophitus undulatus</i>	Creeper	G5	S2	I	
<i>Stygobromus pizzinii</i>	Pizzini's Cave Amphipod	G3G4	S1		
<i>Stygobromus tenuis potomacus</i>	Potomac Amphipod	G4T4	S3		
<i>Stylurus laurae</i>	Laura's Clubtail	G4	S2S3		
Plants					
<i>Agalinis obtusifolia</i> [?]	Ten-lobed False Foxglove	G4G5	SH	X	
<i>Agrimonia microcarpa</i>	Small-fruited Agrimony	G5	S1?		
<i>Agrimonia striata</i> ^h	Woodland Agrimony	G5	S1	E	
<i>Amelanchier spicata</i> ^h	Running Serviceberry	G5	S2		
<i>Aralia racemosa</i> ^h	American Spikenard	G5	S2S4		
<i>Aristida lanosa</i> [?]	Woolly Three-awn	G5	S1	E	
<i>Aronia x prunifolia</i>	Purple Chokeberry	GNA	S3		
<i>Arundinaria tecta</i>	Switch Cane	G5T5	S2		
<i>Asplenium bradleyi</i> ^{h?}	Bradley's Spleenwort	G4	S1	X	
<i>Aureolaria flava</i>	Smooth Yellow False Foxglove	G5	S3		
<i>Betula populifolia</i>	Gray Birch	G5	S1?		
<i>Botrychium matricariifolium</i>	Chamomile Grapefern	G5	S1?		
<i>Botrychium simplex</i> ^h	Least Grapefern	G5	SH	X	
<i>Bromus latiglumis</i>	Broad-glumed Brome	G5	S1	E	
<i>Carex hirtifolia</i>	Pubescent Sedge	G5	S3		
<i>Carex striatula</i>	Lined Sedge	G4G5	S3		
<i>Carex trichocarpa</i> ^h	Hairy-fruited Sedge	G4	S2		
<i>Carya laciniosa</i> ^h	Big Shellbark Hickory	G5	S1	E	
<i>Castanea dentata</i>	American Chestnut	G4	S2S3		
<i>Chenopodium standleyanum</i> ^h	Standley's Goosefoot	G5	S2S3	E	
<i>Coreopsis verticillata</i>	Whorled Coreopsis	G5	S3		
<i>Corylus cornuta</i>	Beaked Hazelnut	G5	S3		
<i>Cypripedium parviflorum</i> var. <i>pubescens</i>	Large Yellow Lady's-slipper	G5T5	S3		
<i>Desmodium canadense</i> [?]	Showy Tick-trefoil	G5	SH		
<i>Desmodium laevigatum</i> ^h	Smooth Tick-trefoil	G5	S3		

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<i>Dirca palustris</i>	Eastern Leatherwood	G4	S2	T	
<i>Dryopteris celsa</i>	Log Fern	G4	S3		
<i>Eleocharis erythropoda</i> ^h	Bald Spikerush	G5	SU		
<i>Galactia volubilis</i> ^h	Downy Milkpea	G5	S3		
<i>Geum laciniatum</i>	Rough Avens	G5	S3		
<i>Heracleum maximum</i>	Cow-parsnip	G5	S3		
<i>Homalosorus pycnocarpus</i>	Glade Fern	G5	S2	T	
<i>Hydrastis canadensis</i>	Golden-seal	G3G4	S2	T	
<i>Hylodesmum pauciflorum</i>	Few-flowered Tick-trefoil	G5	S2	E	
<i>Isoetes riparia</i> ^h	Riverbank Quillwort	G5	SU		
<i>Juglans cinerea</i>	Butternut	G4	S2S3		
<i>Juncus torreyi</i>	Torrey's Rush	G5	S1	E	
<i>Kalmia angustifolia</i>	Sheep Laurel	G5	S3S4		
<i>Krigia dandelion</i>	Potato Dwarf-dandelion	G5	S2S3		
<i>Liparis liliifolia</i>	Large Twayblade	G5	S2S3		
<i>Liparis loeselii</i>	Loesel's Twayblade	G5	S1S2		
<i>Lipocarpha micrantha</i>	Dwarf Bulrush	G5	S1	E	
<i>Ludwigia decurrens</i>	Primrose-willow	G5	S2S3		
<i>Lupinus perennis</i>	Sundial Lupine	G5	S2	T	
<i>Lygodium palmatum</i> ^h	Climbing Fern	G4	S2	T	
<i>Magnolia tripetala</i>	Umbrella Magnolia	G5	S3		
<i>Malus angustifolia</i>	Southern Crabapple	G5?	S3		
<i>Matteuccia struthiopteris</i>	Ostrich Fern	G5	S2S3		
<i>Monarda clinopodia</i>	Basil Beebalm	G5	S3S4		
<i>Phaseolus polystachios</i>	Wild Kidney Bean	G5	S3		
<i>Platanthera ciliaris</i> ^h	Yellow Fringed Orchid	G5	S2	T	
<i>Platanthera cristata</i>	Crested Yellow Orchid	G5	S3		
<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid	G5	S2	T	
<i>Platanthera peramoena</i>	Purple Fringeless Orchid	G5	S1S2	T	
<i>Podostemum ceratophyllum</i>	Threadfoot	G5	S3		
<i>Polygala incarnata</i>	Pink Milkwort	G5	S2S3		
<i>Polygala senega</i> ^h	Seneca Snakeroot	G4G5	S2	T	
<i>Potamogeton foliosus</i> [?]	Leafy Pondweed	G5	S2	E	
<i>Pycnanthemum torreyi</i> ^h	Torrey's Mountainmint	G2	S1	E	
<i>Pycnanthemum verticillatum</i> [?]	Whorled Mountainmint	G5	S1	E	
<i>Pycnanthemum virginianum</i> ^h	Virginia Mountainmint	G5	S2		
<i>Ranunculus ambigens</i> ^h	Water-plantain Spearwort	G4	S1	X	
<i>Ranunculus fascicularis</i>	Early Buttercup	G5	S1	E	
<i>Ruellia strepens</i>	Limestone Wild Petunia	G4G5	S2S3		
<i>Saccharum alopecuroides</i>	Silver Plume Grass	G5	S1?		
<i>Salix occidentalis</i> ^h	Dwarf Prairie Willow	G5T4T5	S2		
<i>Scutellaria galericulata</i> [?]	Hooded Skullcap	G5	S2		
<i>Scutellaria leonardii</i> [?]	Shale Barren Skullcap	G4T4	S2	T	
<i>Scutellaria serrata</i>	Showy Skullcap	G4G5	S3		

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<i>Silene nivea</i> ^h	Snowy Campion	G4?	S1	E	
<i>Silphium asteriscus</i> var. <i>trifoliatum</i> ^h	Threeleaf Rosinweed	G4?	S3		
<i>Stellaria alsine</i>	Trailing Stitchwort	G5	S1	E	
<i>Thaspium trifoliatum</i>	Purple Meadow Parsnip	G5	S1	E	
<i>Thelypteris simulata</i>	Bog Fern	G4G5	S2	T	
<i>Trillium cernuum</i>	Northern Nodding Trillium	G5	S3		
<i>Trillium flexipes</i>	Nodding Trillium	G5	S1	E	
<i>Triosteum angustifolium</i>	Yellowleaf Tinker's-weed	G5	S1	E	
<i>Typha domingensis</i>	Southern Cattail	G4G5	S3		
<i>Veratrum virginicum</i>	Virginia Bunchflower	G5	S3		
<i>Zizia aurea</i>	Golden Alexanders	G5	S3		